Application No.

10/645,331

Filed

August 21, 2003

REMARKS

The foregoing amendments and the following remarks are responsive to the June 6, 2005 Office Action. Claims 3-27 remain as originally filed, and Claims 1, 2, and 28-38 are cancelled without prejudice. Thus, Claims 3-27 are presented for further consideration. Please enter the amendments and consider the claims in view of the following remarks.

Response to Restriction/Election Requirement

In the June 6, 2005 Office Action, the Examiner has required restriction to one of three species of the claimed invention:

Species a (Claims 1-2), drawn to a method of measuring a physical function (Fig. 9); and a method of measuring a second order optical nonlinearity profile of a sample (Figs. 2-7);

Species b (Claims 3-27), drawn to a method of method of measuring a nonlinearity profile of a sample (Figs. 2-7); or

Species c (Claims 28-38), drawn to a method of determining the temporal waveform of a laser pulse (Figs. 10-20).

In addition, the Examiner has required election of a single disclosed species for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable.

Applicants hereby elect, without traverse, to prosecute Claims 3-27 of Species b, as outlined by the Examiner.

Please cancel the non-elected claims of Species a and c (Claims 1, 2, and 28-38) without prejudice. Applicants reserve the right to pursue these nonelected claims in one or more continuing applications.

Summary

Applicants respectfully submit that the foregoing is fully responsive to the restriction/election requirement. Accordingly, prompt examination on the merits of Claims 3-27 is respectfully requested. If, however, any issues remain, the Examiner is respectfully requested to call Applicants' counsel at the number provided below to resolve such issues promptly.

Please charge any additional fees, including any fees for additional extensions of time, or credit overpayment to Deposit Account No. 11-1410.

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Respectfully submitted,

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Dated: 6/24/05

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